

## Entrance Facility Space Function

### Recurring Rate

2. **Conduit Systems - 32.2441:** This figure represent the costs for replacing manhole and conduit space used by interconnectors. The tasks outlined for this rate element would be performed by non-GTOC personnel under a contract arrangement. The manhole portion of the investment on this line was developed by taking GTOCs manhole material cost of \$1936 and applying state specific OSP supply expense and minor material factors. Then the area specific contract labor amounts for manhole placing, core drilling the manhole, and core drilling the central office were added to develop the "in-place" manhole cost. This cost was divided by the number of conduits from the manhole to the central office and then further divided by the number of subducts per conduit to arrive at a cost per cable.

The contract labor rates are as follows:

#### Manhole placing (\$ per manhole):

CA - 1500	IL - 2000	NC - 2000	SC - 2000
FL - 2510	KY - 2000	OK - 1850	TX - 1850
HI - 1500	MI - 2000	OR - 1053	WA - 1053
ID - 1053	MO - 1850	PA - 2000	

#### Core drilling (\$ per core drill):

CA - 125	IL - 175	NC - 110	SC - 110
FL - 112	KY - 110	OK - 178	TX - 178
HI - 125	MI - 175	OR - 315	WA - 315
ID - 315	MO - 178	PA - 175	

The conduit portion of the investment on this line was developed by taking GTOCs conduit material cost of \$0.67 per foot and applying state specific OSP supply expense and minor material factors. Then the area specific contract labor amounts for trenching, subduct placing, concrete work, and restoration were added to develop the "in-place" conduit cost per foot. This cost was multiplied by the number of feet from the manhole to the central office and then divided by the number of subducts per conduit to arrive at a cost per cable.

The contract labor rates are as follows:

#### Trenching (\$ per foot):

CA - 3.40	IL - 2.25	NC - 4.50	SC - 4.50
FL - 2.20	KY - 4.50	OK - 1.90	TX - 1.90
HI - 3.40	MI - 2.25	OR - 4.06	WA - 4.06
ID - 4.06	MO - 1.90	PA - 2.25	

**Subduct placing (\$ per foot):**

CA - 0.90	IL - 0.75	NC - 0.69	SC - 0.69
FL - 0.64	KY - 0.69	OK - 0.85	TX - 0.85
HI - 0.90	MI - 0.75	OR - 0.78	WA - 0.78
ID - 0.78	MO - 0.85	PA - 0.75	

**Concrete work (per foot):**

CA - 5.50	IL - 3.00	NC - 4.00	SC - 4.00
FL - 1.85	KY - 4.00	OK - 3.05	TX - 3.05
HI - 5.50	MI - 3.00	OR - 2.55	WA - 2.55
ID - 2.55	MO - 3.05	PA - 3.00	

**Restoration (per foot):**

CA - 8.75	IL - 4.50	NC - 4.50	SC - 4.50
FL - 5.81	KY - 4.50	OK - 6.05	TX - 6.05
HI - 8.75	MI - 4.50	OR - 4.95	WA - 4.95
ID - 4.95	MO - 6.05	PA - 4.50	

3. **Buildings - 32.2121:** This figure represent the average cost of cable vault space used by the interconnectors cable. It is based on an a GTOC average cable vault investment of \$122 per square foot, 100 square foot cable vault, 43 ducts per vault, and 3 subducts per duct. To this material cost is added an average labor cost of \$166.67 per subduct. This yields an average cable vault cost per subduct of \$261.24 which is applied to all offices.
21. **Depreciation Expense:** This figure was calculated on a straight line basis from the book life of the Conduit Systems - 32.2441 and the Buildings - 32.2121 accounts in GTOCs 1992 annual charge factor studies. To this amount was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost reflects a portion of the investment and labor costs which must be recovered over the revenue life. The nonrecoverable costs are derived by computing an annuity for the present value of capital investment plus income tax effects, based on the revenue life of the service and an 11.25% discount rate. Depreciation, return, and tax expenses are then subtracted from the annuity amount to arrive at the total nonrecoverable cost.
22. **Cost of Money:** The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial return figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data

Summary included for each rate element in the original filing. The annual nonrecoverable cost is explained in 21. Depreciation Expense.

23. Cost of Money (Percentage): GTOCs authorized rate of return.
24. Federal Tax: The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial federal income tax figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost is explained in 21. Depreciation Expense.
25. State and Local Income Tax: The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial state income tax figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost is explained in 21. Depreciation Expense.
27. Property Tax: This figure is calculated from the individual states property tax factor in GTOCs 1992 financial factor studies.
28. Gross Receipts Tax: If applicable, this figure is calculated from the individual states gross receipts tax factor in GTOCs 1992 financial factor studies.
33. Maintenance Expense: This figure is calculated from the individual states plant specific expense factor in GTOCs 1992 annual charge factor studies.
35. Plant Non-specific Expense: This figure is calculated from the individual states plant non-specific expense factor in GTOCs 1992 annual charge factor studies.
36. Customer Operations Expense: This figure is calculated from the individual states customer operations expense factor in GTOCs 1992 annual charge factor studies.
37. Corporate Operations Expense: This figure is calculated from the individual states corporate operations expense factor in GTOCs 1992 annual charge factor studies.
38. General Support Facilities Expense: This figure is calculated from the individual states miscellaneous loadings expense factor in GTOCs 1992 annual charge factor studies.

- 51. Annual Cost per Unit: The summation of lines 21 through 50.
- 52. Monthly Cost per Unit: Line 51 / 12.
- 53. Monthly Rate per Unit: GTOCs proposed rate.
- 54. Unit of Measurement: Per cable.
- 55. Ratio: Rate/Direct Cost: GTOCs proposed rate divided by the monthly cost per unit less administrative expenses.
- 56. Ratio: Rate/Unit Cost: Line 53 / Line 52

## DS1 Cross-Connection Equipment Function

### Recurring Rate

2. Digital Circuit Equipment - 32.2232.21: This figure represents the material and labor costs of providing a DS1 cross-connection. This cost was developed by taking GTOCs' base material cost for a fully equipped DSX-1 bay of \$529 and adding to this the state specific supply and minor material loadings. This cost was then adjusted for a 90% fill factor and then divided by the bay's DS1 capacity. This amount was then multiplied by 2 because two DSX-1 connections are required per cross-connect. The engineering and installation costs were developed by dividing the number of engineering and installation hours for the DSX-1 bay by the capacity of the bay then multiplying by the respective state specific labor rates that were provided with GTOCs' original filing.
21. Depreciation Expense: This figure was calculated on a straight line basis from the book life of the Digital Circuit Equipment - 32.2232.21 accounts in GTOCs 1992 annual charge factor studies. To this amount was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost reflects a portion of the investment and labor costs which must be recovered over the revenue life. The nonrecoverable costs are derived by computing an annuity for the present value of capital investment plus income tax effects, based on the revenue life of the service and an 11.25% discount rate. Depreciation, return, and tax expenses are then subtracted from the annuity amount to arrive at the total nonrecoverable cost.
22. Cost of Money: The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial return figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost is explained in 21. Depreciation Expense.
23. Cost of Money (Percentage): GTOCs authorized rate of return.
24. Federal Tax: The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial federal income tax figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost is explained in 21. Depreciation Expense.

25. State and Local Income Tax: The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial state income tax figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost is explained in 21. Depreciation Expense.
27. Property Tax: This figure is calculated from the individual states property tax factor in GTOCs 1992 financial factor studies.
28. Gross Receipts Tax: If applicable, this figure is calculated from the individual states gross receipts tax factor in GTOCs 1992 financial factor studies.
33. Maintenance Expense: This figure is calculated from the individual states plant specific expense factor in GTOCs 1992 annual charge factor studies.
35. Plant Non-specific Expense: This figure is calculated from the individual states plant non-specific expense factor in GTOCs 1992 annual charge factor studies.
36. Customer Operations Expense: This figure is calculated from the individual states customer operations expense factor in GTOCs 1992 annual charge factor studies.
37. Corporate Operations Expense: This figure is calculated from the individual states corporate operations expense factor in GTOCs 1992 annual charge factor studies.
38. General Support Facilities Expense: This figure is calculated from the individual states miscellaneous loadings expense factor in GTOCs 1992 annual charge factor studies.
51. Annual Cost per Unit: The summation of lines 21 through 50.
52. Monthly Cost per Unit: Line 51 / 12.
53. Monthly Rate per Unit: GTOCs proposed rate.
54. Unit of Measurement: Per DS1.
55. Ratio: Rate/Direct Cost: GTOCs proposed rate divided by the monthly cost per unit less administrative expenses.
56. Ratio: Rate/Unit Cost: Line 53 / Line 52

## DS3 Cross-Connection Equipment Function

### Recurring Rate

2. Digital Circuit Equipment - 32.2232.21: This figure represents the material and labor costs of providing a DS3 cross-connection. This cost was developed by taking GTOCs' base material cost for one fully equipped DSX-3 module of \$284 and adding to this the state specific supply and minor material loadings. This cost was then adjusted for a 90% fill factor. This amount was then multiplied by 2 because two DSX-3 modules are required per cross-connect. The engineering and installation costs were developed by dividing the number of engineering and installation hours for the DSX-3 module by the capacity of the module then multiplying by the respective state specific labor rates that were provided with GTOCs' original filing.
21. Depreciation Expense: This figure was calculated on a straight line basis from the book life of the Digital Circuit Equipment - 32.2232.21 accounts in GTOCs 1992 annual charge factor studies. To this amount was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost reflects a portion of the investment and labor costs which must be recovered over the revenue life. The nonrecoverable costs are derived by computing an annuity for the present value of capital investment plus income tax effects, based on the revenue life of the service and an 11.25% discount rate. Depreciation, return, and tax expenses are then subtracted from the annuity amount to arrive at the total nonrecoverable cost.
22. Cost of Money: The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial return figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost is explained in 21. Depreciation Expense.
23. Cost of Money (Percentage): GTOCs authorized rate of return.
24. Federal Tax: The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial federal income tax figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost is explained in 21. Depreciation Expense.

25. State and Local Income Tax: The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial state income tax figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost is explained in 21. Depreciation Expense.
27. Property Tax: This figure is calculated from the individual states property tax factor in GTOCs 1992 financial factor studies.
28. Gross Receipts Tax: If applicable, this figure is calculated from the individual states gross receipts tax factor in GTOCs 1992 financial factor studies.
33. Maintenance Expense: This figure is calculated from the individual states plant specific expense factor in GTOCs 1992 annual charge factor studies.
35. Plant Non-specific Expense: This figure is calculated from the individual states plant non-specific expense factor in GTOCs 1992 annual charge factor studies.
36. Customer Operations Expense: This figure is calculated from the individual states customer operations expense factor in GTOCs 1992 annual charge factor studies.
37. Corporate Operations Expense: This figure is calculated from the individual states corporate operations expense factor in GTOCs 1992 annual charge factor studies.
38. General Support Facilities Expense: This figure is calculated from the individual states miscellaneous loadings expense factor in GTOCs 1992 annual charge factor studies.
51. Annual Cost per Unit: The summation of lines 21 through 50.
52. Monthly Cost per Unit:  $\text{Line 51} / 12$ .
53. Monthly Rate per Unit: GTOCs proposed rate.
54. Unit of Measurement: Per DS3.
55. Ratio: Rate/Direct Cost: GTOCs proposed rate divided by the monthly cost per unit less administrative expenses.
56. Ratio: Rate/Unit Cost:  $\text{Line 53} / \text{Line 52}$



## Interconnector-Specific Construction Function

### Nonrecurring Rate

2. **Buildings - 32.2121**: This figure represents the prospective labor cost of installing the cage, charger circuit, outlets & lighting, fire system, grounding, electric sub-panel, and electric feed. The base labor cost for these modifications is \$1,317. This is a national average based on information contained in "The Means Building Construction Cost Data Book". The base cost was then adjusted geographically for differences in labor costs. The tasks outlined for this rate element would be performed by non-GTOC personnel under a contract agreement.

The modifications required and their percentage of the base labor cost is shown below:

Cage Materials	25%
Charger Circuit	12%
Outlets & Lighting	29%
Fire System	5%
Grounding	2%
Elec. Sub-panel	16%
Elec. Feed	11%

53. **Rate per Unit**: GTOCs proposed NRC.
54. **Unit of Measurement**: Per interconnection.

## DC Power Installation Function

### Nonrecurring Rate

2. Digital Switch - 32.2212: This figure represents the prospective labor cost of installing a power board, batteries, spares, fuses, power distribution bay, power cable, and bracing for DC cable. The base labor cost for these modifications is \$7,347. This is a national average based on information contained in "The Means Building Construction Cost Data Book". The base cost was then adjusted geographically for differences in labor costs. The tasks outlined for this rate element would be performed by non-GTOC personnel under a contract agreement.

The modifications required and their percentage of the base labor cost is shown below:

Power Board	38%
Batteries	28%
Spares	4%
Fuses at Power Plant	1%
Power Distribution Bay	17%
Power Cable	6%
Bracing for DC Cable	6%

53. Rate per Unit: GTOCs proposed NRC.
54. Unit of Measurement: Per interconnection.

## Common Construction Function

### Nonrecurring Rate

2. **Buildings - 32.2121:** This figure represents the prospective cost of modifications to a central office HVAC system. For simple offices this is 14% of the building modification material and labor. For moderate and complex offices this cost is 3% of the building modification material and labor. The base cost for these modifications for a simple office \$1,680, for a moderate office is \$600, and for a complex office is \$930. This base cost assumes a 60/40 split between material and labor. As with all the building modification costs, these are averages calculated based on a sample of offices. GTOC's land/building engineers inspected the sample offices and, based on previous experience with these types of modifications, calculated the appropriate costs for the modifications. The base cost was then adjusted geographically for differences in material and labor costs. GTOC would capitalize all the costs associated with performance of this function.

The modifications required and their percentage of the base cost is shown below:

	<u>Simple</u>	<u>Moderate</u>	<u>Complex</u>
HVAC Modifications	14%	3%	3%

24. **Federal Tax:** The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial federal income tax figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost reflects a portion of the investment and labor costs which must be recovered over the revenue life. The nonrecoverable costs are derived by computing an annuity for the present value of capital investment plus income tax effects, based on the revenue life of the service and an 11.25% discount rate. Depreciation, return, and tax expenses are then subtracted from the annuity amount to arrive at the total nonrecoverable cost. The combined federal tax and nonrecoverable figure was then converted to a present value at 11.25% over 20 years. If the present value calculation is disallowed, GTOC should be allowed to recover this tax liability on a monthly recurring basis.
25. **State and Local Income Tax:** The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial state income tax figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the

Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost is explained in 24. Federal Tax. The combined state and local tax and nonrecoverable figure was then converted to a present value at 11.25% over 20 years. If the present value calculation is disallowed, GTOC should be allowed to recover this tax liability on a monthly recurring basis.

27. Property Tax: This figure is calculated from the individual states property tax factor in GTOCs 1992 financial factor studies. The property tax figure was then converted to a present value at 11.25% over 20 years. GTOC will be required to pay property taxes on these improvements annually, and if the present value calculation is disallowed, GTOC should be allowed to recover this tax liability on a monthly recurring basis.
28. Gross Receipts Tax: If applicable, this figure is calculated from the individual states gross receipts tax factor in GTOCs 1992 financial factor studies.
33. Maintenance Expense: This figure is calculated from the individual states plant specific expense factor in GTOCs 1992 annual charge factor studies. The maintenance expense figure was then converted to a present value at 11.25% over 20 years. GTOC will incur maintenance expense for these improvements for their life, and if the present value calculation is disallowed, GTOC should be allowed to recover this liability on a monthly recurring basis.
51. Cost per Unit: The summation of lines 2 through 50.
53. Rate per Unit: GTOCs proposed rate.
54. Unit of Measurement: Per office.
55. Ratio: Rate/Direct Cost: GTOCs proposed rate divided by the monthly cost per unit less administrative expenses.
56. Ratio: Rate/Unit Cost: Line 53 / Line 51

## Security Installation Function

### Nonrecurring Rate

2. **Buildings - 32.2121:** This figure represents the prospective cost of installing card access systems, partition walls, doors, door hardware, and making access card modifications to elevators. For simple offices this is 86% of the building modification material and labor. For moderate and complex offices this cost is 97% of the building modification material and labor. The base cost for these modifications for a simple office \$10,320, for a moderate office is \$19,400, and for a complex office is \$30,070. This base cost assumes a 60/40 split between material and labor. As with all the building modification costs, these are averages calculated based on a sample of offices. GTOC's land/building engineers inspected the sample offices and, based on previous experience with these types of modifications, calculated the appropriate costs for the modifications. The base cost was then adjusted geographically for average differences in material and labor costs. GTOC would capitalize all the costs associated with performance of this function.

The modifications required and their percentage of the base cost is shown below:

	<u>Simple</u>	<u>Moderate</u>	<u>Complex</u>
Card Access	26%	44%	33%
Partition Walls	23%	46%	23%
Doors	12%	3%	0%
Door Hardware	10%	4%	2%
Elevator	15%	0%	39%

24. **Federal Tax:** The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial federal income tax figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost reflects a portion of the investment and labor costs which must be recovered over the revenue life. The nonrecoverable costs are derived by computing an annuity for the present value of capital investment plus income tax effects, based on the revenue life of the service and an 11.25% discount rate. Depreciation, return, and tax expenses are then subtracted from the annuity amount to arrive at the total nonrecoverable cost. The combined federal tax and nonrecoverable figure was then converted to a present value at 11.25% over 20 years. Since the IRS will not allow the asset to be depreciated all in the first year, GTOC will have a tax liability over the life of the asset. If the

present value calculation is disallowed, GTOC should be allowed to recover this tax liability on a monthly recurring basis.

25. State and Local Income Tax: The calculation of this figure was detailed on the Return and Income Tax Calculations sheets provided with the original filing. To the initial state income tax figure shown on that form was added a weighted percentage proportion of the annual nonrecoverable cost shown on the Investment and Cost Data Summary included for each rate element in the original filing. The annual nonrecoverable cost is explained in 24. Federal Tax. The combined state and local tax and nonrecoverable figure was then converted to a present value at 11.25% over 20 years. Since the IRS will not allow the asset to be depreciated all in the first year, GTOC will have a tax liability over the life of the asset. If the present value calculation is disallowed, GTOC should be allowed to recover this tax liability on a monthly recurring basis.
27. Property Tax: This figure is calculated from the individual states property tax factor in GTOCs 1992 financial factor studies. The property tax figure was then converted to a present value at 11.25% over 20 years. GTOC will be required to pay property taxes on these improvements annually, and if the present value calculation is disallowed, GTOC should be allowed to recover this tax liability on a monthly recurring basis.
28. Gross Receipts Tax: If applicable, this figure is calculated from the individual states gross receipts tax factor in GTOCs 1992 financial factor studies.
33. Maintenance Expense: This figure is calculated from the individual states plant specific expense factor in GTOCs 1992 annual charge factor studies. The maintenance expense figure was then converted to a present value at 11.25% over 20 years. GTOC will incur maintenance expense for these improvements for their life, and if the present value calculation is disallowed, GTOC should be allowed to recover this liability on a monthly recurring basis.
51. Cost per Unit: The summation of lines 2 through 50.
53. Rate per Unit: GTOCs proposed rate.
54. Unit of Measurement: Per office.
55. Ratio: Rate/Direct Cost: GTOCs proposed rate divided by the monthly cost per unit less administrative expenses.
56. Ratio: Rate/Unit Cost: Line 53 / Line 51

## Entrance Facility Installation Function

### Nonrecurring Rate

2. Underground Cable - 32.2422: This figure represents the prospective cost for placing up to a 12 fiber cable in subduct, pulling the cable from the manhole to the fiber termination frame in the central office, and splicing. The GTOC area contract price per foot for cable pulling was multiplied by the distance in feet from the manhole to the fiber termination frame. Additionally, contractors assess a flat rated cable installation fee, a start-up fee for splicing, and a per fiber splicing charge. These area specific rates are as follows:

#### Cable pulling (\$ per foot):

CA - 0.90	IL - 0.50	NC - 0.51	SC - 0.51
FL - 0.84	KY - 0.51	OK - 0.27	TX - 0.27
HI - 0.90	MI - 0.50	OR - 0.88	WA - 0.88
ID - 0.88	MO - 0.27	PA - 0.50	

#### Cable installation (\$ per cable):

CA - 94	IL - 85	NC - 121	SC - 121
FL - 80	KY - 121	OK - 87	TX - 87
HI - 94	MI - 85	OR - 98	WA - 98
ID - 98	MO - 87	PA - 85	

#### Splicing (\$ per start-up):

CA - 400	IL - 400	NC - 400	SC - 400
FL - 400	KY - 400	OK - 400	TX - 400
HI - 400	MI - 400	OR - 400	WA - 400
ID - 400	MO - 400	PA - 400	

#### Splicing (\$ per fiber):

CA - 45	IL - 40	NC - 40	SC - 40
FL - 40	KY - 40	OK - 40	TX - 40
HI - 45	MI - 40	OR - 45	WA - 45
ID - 45	MO - 40	PA - 40	

51. Cost per Unit: The summation of lines 2 through 50.
53. Rate per unit: This nonrecurring rate was rounded to the nearest dollar for ease of administration and for consistency with the majority of GTOC special access rates.
54. Unit of Measurement: Per occurrence.

## Construction Provisioning Function

### Nonrecurring Rate

2. CO Equipment - 32.2210: This figure represents the cost of engineering tasks required to prepare a central office for an EIS customer. These tasks include:

- |   |          |
|---|----------|
| 1. Identifying future LEC switching and transmission needs. | 72 hours |
| 2. Designing access to CO and cages.                        | 16 hours |
| 3. Determining work required to supply power to cages.      | 32 hours |
| 4. Designing cooling system modifications.                  | 16 hours |
| 5. Designing fire protection system modifications.          | 4 hours  |

These tasks, on average, require 140 engineering hours at state specific engineering rates already provided in our original filing.

53. Rate per Unit: This nonrecurring rate was rounded to the nearest dollar for ease of administration and for consistency with the majority of GTOC special access rates.
54. Unit of Measurement: Per interconnection.





DS1 Cross-Connection  
Equipment Function

Recurring Rate

California - All Central Offices

	Rate Element Name #1 DS1 Cross Connect	Rate Element Name #2	Rate Element Name #3	Rate Element Name #4
1 TOTAL INVESTMENT: List Plant & Equip.	\$	\$	\$	\$
2 Circuit Equip - 32.2232 - 10	108.00 \$	\$	\$	\$
3 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
4 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
5 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
6 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
7 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
8 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
9 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
10 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
11 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
12 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
13 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
14 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
15 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
16 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
17 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
18 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
19 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
20 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
21 DEPRECIATION EXPENSE	13.10 \$	\$	\$	\$
22 COST OF MONEY (\$ Amount)	7.42 \$	\$	\$	\$
23 COST OF MONEY (Percentage)	11.25%	%	%	%
24 FEDERAL INCOME TAX	3.82 \$	\$	\$	\$
25 STATE AND LOCAL INCOME TAX	0.76 \$	\$	\$	\$
26 OTHER TAX: List Taxes	\$	\$	\$	\$
27 List: Property Tax	0.85 \$	\$	\$	\$
28 List: Gross Receipts Tax	0.00 \$	\$	\$	\$
29 List:	\$	\$	\$	\$
30 List:	\$	\$	\$	\$
31 List:	\$	\$	\$	\$
32 List:	\$	\$	\$	\$
33 MAINTENANCE EXPENSE	5.21 \$	\$	\$	\$
34 ADMIN and OTHER EXPENSE: List Expense	\$	\$	\$	\$
35 Plant Non-Spec - 32.653X -	2.73 \$	\$	\$	\$
36 Cust Oper - 32.66XX	4.30 \$	\$	\$	\$
37 Corp Oper - 32.67XX	3.95 \$	\$	\$	\$
38 Gen Support Fac	3.06 \$	\$	\$	\$
39 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
40 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
41 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
42 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
43 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
44 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
45 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
46 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
47 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
48 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
49 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
50 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
51 ANNUAL COST PER UNIT	45.20 \$	\$	\$	\$
52 MONTHLY COST PER UNIT	3.77 \$	\$	\$	\$
53 MONTHLY RATE PER UNIT	3.77 \$	\$	\$	\$
54 UNIT OF MEASUREMENT Per DS1				
55 RATIO: Rate / Direct Cost	145.06%			
56 RATIO: Rate / Unit Cost	100.00%			

Notes:

(1) The Cross-Connection Equipment Function includes costs for all equipment between the interconnectors space and the LEC's MDF, e.g., repeaters. Excluded is cable, cable support, and all termination equipment.

(2) Row 54: Unit of measurement is the unit on which the rate is being assessed, e.g., per POT frame, per DS1 arrangement, etc.

DS3 Cross-Connection  
Equipment Function

Recurring Rate

California - All Central Offices

Rate Element Name #1  
DS3 Cross Connect

Rate Element Name #2

Rate Element Name #3

Rate Element Name #4

1 TOTAL INVESTMENT: List Plant & Equip.	\$	\$	\$	\$
2 Circuit Equip - 32.2232 - 10		932.83	\$	\$
3 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
4 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
5 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
6 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
7 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
8 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
9 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
10 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
11 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
12 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
13 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
14 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
15 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
16 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
17 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
18 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
19 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
20 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
21 DEPRECIATION EXPENSE		114.98	\$	\$
22 COST OF MONEY (\$ Amount)		65.41	\$	\$
23 COST OF MONEY (Percentage)		11.25%	%	%
24 FEDERAL INCOME TAX		33.69	\$	\$
25 STATE AND LOCAL INCOME TAX		6.70	\$	\$
26 OTHER TAX: List Taxes	\$	\$	\$	\$
27 List: Property Tax		7.55	\$	\$
28 List: Gross Receipts Tax		0.00	\$	\$
29 List:	\$	\$	\$	\$
30 List:	\$	\$	\$	\$
31 List:	\$	\$	\$	\$
32 List:	\$	\$	\$	\$
33 MAINTENANCE EXPENSE		48.05	\$	\$
34 ADMIN and OTHER EXPENSE: List Expense	\$	\$	\$	\$
35 Plant Non-Spec - 32.853X -		24.06	\$	\$
36 Cust Oper - 32.680X		38.03	\$	\$
37 Corp Oper - 32.670X		34.92	\$	\$
38 Gen Support Fac		27.08	\$	\$
39 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
40 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
41 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
42 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
43 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
44 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
45 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
46 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
47 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
48 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
49 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
50 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
51 ANNUAL COST PER UNIT		308.47	\$	\$
52 MONTHLY COST PER UNIT		33.21	\$	\$
53 MONTHLY RATE PER UNIT		33.21	\$	\$
54 UNIT OF MEASUREMENT				
Per DS3				
55 RATIO: Rate / Direct Cost		145.23%		
56 RATIO: Rate / Unit Cost		100.00%		

- Notes:
- (1) The Cross-Connection Equipment Function includes costs for all equipment between the interconnectors space and the LEC's MDF, e.g., repeaters. Excluded is cable, cable support, and all termination equipment.
- (2) Row 54: Unit of measurement is the unit on which the rate is being assessed, e.g., per POT frame, per DS1 arrangement, etc.

Construction  
Provisioning Function

Nonrecurring Rate

California - All Central Offices

	Rate Element Name #1 Engineering Fee	Rate Element Name #2	Rate Element Name #3	Rate Element Name #4
1 TOTAL INVESTMENT: List Plant & Equip.	\$	\$	\$	\$
2 CO Equip Eng - 32.2210 -	9,108.40	\$	\$	\$
3 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
4 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
5 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
6 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
7 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
8 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
9 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
10 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
11 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
12 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
13 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
14 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
15 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
16 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
17 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
18 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
19 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
20 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
21 DEPRECIATION EXPENSE	\$	\$	\$	\$
22 COST OF MONEY (\$ Amount)	\$	\$	\$	\$
23 COST OF MONEY (Percentage)	%	%	%	%
24 FEDERAL INCOME TAX	\$	\$	\$	\$
25 STATE AND LOCAL INCOME TAX	\$	\$	\$	\$
26 OTHER TAX: List Taxes	\$	\$	\$	\$
27 List: Property Tax	\$	\$	\$	\$
28 List:	\$	\$	\$	\$
29 List:	\$	\$	\$	\$
30 List:	\$	\$	\$	\$
31 List:	\$	\$	\$	\$
32 List:	\$	\$	\$	\$
33 MAINTENANCE EXPENSE	\$	\$	\$	\$
34 ADMIN and OTHER EXPENSE: List Expense	\$	\$	\$	\$
35 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
36 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
37 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
38 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
39 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
40 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
41 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
42 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
43 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
44 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
45 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
46 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
47 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
48 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
49 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
50 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
51 ANNUAL COST PER UNIT	\$	\$	\$	\$
52 MONTHLY COST PER UNIT	\$	\$	\$	\$
53 RATE PER UNIT	9,109.00	\$	\$	\$
54 UNIT OF MEASUREMENT				
Per Interconnection				
55 RATIO: Monthly Rate Per Unit / Direct Cost				
56 RATIO: Monthly Rate Per Unit / Unit Cost				

Notes:

- (1) The Construction Provisioning Function includes the costs of ordering and provisioning the interconnector's space and cage, i.e. service order processing, pre-construction survey, design and engineering, space preparation, and construction management and coordination.
- (2) Row 54: Unit of measurement is the unit on which the rate is being assessed, e.g., per collocation request, per 100 square foot tenancy, per additional 100 square foot tenancy, etc.

Interconnector-Specific  
Construction Function

Nonrecurring Rate

California - All Central Offices

Rate Element Name #1  
Office Arrangement

Rate Element Name #2

Rate Element Name #3

Rate Element Name #4

1 TOTAL INVESTMENT: List Plant & Equip.	\$	\$	\$	\$
2 Bldg - 32.2121		1,573.00	\$	\$
3 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
4 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
5 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
6 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
7 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
8 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
9 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
10 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
11 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
12 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
13 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
14 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
15 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
16 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
17 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
18 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
19 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
20 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
21 DEPRECIATION EXPENSE	\$	\$	\$	\$
22 COST OF MONEY (\$ Amount)	\$	\$	\$	\$
23 COST OF MONEY (Percentage)		%	%	%
24 FEDERAL INCOME TAX	\$	\$	\$	\$
25 STATE AND LOCAL INCOME TAX	\$	\$	\$	\$
26 OTHER TAX: List Taxes	\$	\$	\$	\$
27 List: Property Tax	\$	\$	\$	\$
28 List:	\$	\$	\$	\$
29 List:	\$	\$	\$	\$
30 List:	\$	\$	\$	\$
31 List:	\$	\$	\$	\$
32 List:	\$	\$	\$	\$
33 MAINTENANCE EXPENSE	\$	\$	\$	\$
34 ADMIN and OTHER EXPENSE: List Expense	\$	\$	\$	\$
35 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
36 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
37 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
38 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
39 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
40 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
41 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
42 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
43 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
44 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
45 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
46 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
47 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
48 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
49 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
50 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
51 ANNUAL COST PER UNIT	\$	\$	\$	\$
52 MONTHLY COST PER UNIT	\$	\$	\$	\$
53 RATE PER UNIT		1,573.00	\$	\$
54 UNIT OF MEASUREMENT:				
Per Connection				
55 RATIO: Monthly Rate Per Unit / Direct Cost				
56 RATIO: Monthly Rate Per Unit / Unit Cost				

Notes:

- (1) The Interconnector-Specific Construction Function includes the costs for interconnector-specific space construction, e.g., cage construction, cage lighting, and AC power, etc. Costs relating to DC power installation, security installation, termination equipment, and common construction must be excluded.
- (2) Row 54: Unit of measurement is the unit on which the rate is being assessed, e.g., per collocation request, per 100 square foot tenancy, per additional 100 square foot tenancy, etc.

Interconnector-Specific  
Construction Function

Recurring Rate

California - All Central Offices

	Rate Element Name #1 Office Arrangement	Rate Element Name #2	Rate Element Name #3	Rate Element Name #4
1 TOTAL INVESTMENT: List Plant & Equip.	\$	\$	\$	\$
2 Bldg - 32.2121 - 34	3,551.00	\$	\$	\$
3 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
4 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
5 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
6 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
7 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
8 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
9 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
10 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
11 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
12 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
13 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
14 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
15 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
16 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
17 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
18 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
19 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
20 List: Name - Pt 32 Acct No. - Dep. Life	\$	\$	\$	\$
21 DEPRECIATION EXPENSE	96.78	\$	\$	\$
22 COST OF MONEY (\$ Amount)	199.92	\$	\$	\$
23 COST OF MONEY (Percentage)	11.25%	%	%	%
24 FEDERAL INCOME TAX	102.96	\$	\$	\$
25 STATE AND LOCAL INCOME TAX	20.49	\$	\$	\$
26 OTHER TAX: List Taxes	\$	\$	\$	\$
27 List: Property Tax	43.28	\$	\$	\$
28 List: Gross Receipts TAX	0.00	\$	\$	\$
29 List:	\$	\$	\$	\$
30 List:	\$	\$	\$	\$
31 List:	\$	\$	\$	\$
32 List:	\$	\$	\$	\$
33 MAINTENANCE EXPENSE	501.80	\$	\$	\$
34 ADMIN and OTHER EXPENSE: List Expense	\$	\$	\$	\$
35 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
36 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
37 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
38 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
39 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
40 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
41 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
42 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
43 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
44 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
45 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
46 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
47 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
48 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
49 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
50 List: Name - Pt 32 Acct No.	\$	\$	\$	\$
51 ANNUAL COST PER UNIT	967.25	\$	\$	\$
52 MONTHLY COST PER UNIT	80.60	\$	\$	\$
53 MONTHLY RATE PER UNIT	80.60	\$	\$	\$
54 UNIT OF MEASUREMENT:				
Per Interconnection				
55 RATIO: Rate / Direct Cost	100.00%			
56 RATIO: Rate / Unit Cost	100.00%			

- Notes:
- (1) The Interconnector-Specific Construction Function includes the costs for interconnector-specific space construction, e.g., cage construction, cage lighting, and AC power, etc. Costs relating to DC power installation, security installation, termination equipment, and common construction must be excluded.
  - (2) Row 54: Unit of measurement is the unit on which the rate is being assessed, e.g., per collocation request, per 100 square foot tenancy, per additional 100 square foot tenancy, per additional 100 square foot tenancy, etc.

DC Power Installation Function

Nonrecurring Rate

California - All Central Offices

Rate Element Name #1  
Office Arrangement

Rate Element Name #2

Rate Element Name #3

Rate Element Name #4

1 TOTAL INVESTMENT: List Plant & Equip.	\$	\$	\$	\$
2 Digital Switch - 32.2212		9,456.00	\$	\$
3 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
4 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
5 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
6 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
7 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
8 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
9 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
10 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
11 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
12 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
13 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
14 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
15 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
16 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
17 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
18 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
19 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
20 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
21 DEPRECIATION EXPENSE	\$	\$	\$	\$
22 COST OF MONEY (\$ Amount)	\$	\$	\$	\$
23 COST OF MONEY (Percentage)		%	%	%
24 FEDERAL INCOME TAX	\$	\$	\$	\$
25 STATE AND LOCAL INCOME TAX	\$	\$	\$	\$
26 OTHER TAX: List Taxes	\$	\$	\$	\$
27 List: Property Tax	\$	\$	\$	\$
28 List:	\$	\$	\$	\$
29 List:	\$	\$	\$	\$
30 List:	\$	\$	\$	\$
31 List:	\$	\$	\$	\$
32 List:	\$	\$	\$	\$
33 MAINTENANCE EXPENSE	\$	\$	\$	\$
34 ADMIN and OTHER EXPENSE: List Expense	\$	\$	\$	\$
35 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
36 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
37 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
38 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
39 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
40 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
41 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
42 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
43 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
44 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
45 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
46 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
47 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
48 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
49 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
50 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
51 ANNUAL COST PER UNIT	\$	\$	\$	\$
52 MONTHLY COST PER UNIT	\$	\$	\$	\$
53 RATE PER UNIT		9,456.00	\$	\$
54 UNIT OF MEASUREMENT:				
Per Connection				
55 RATIO: Monthly Rate Per Unit / Direct Cost				
56 RATIO: Monthly Rate Per Unit / Unit Cost				

Notes:

(1) The DC Power Installation Function includes all costs for installation of DC power equipment for use by interconnector.

(2) Row 54: Unit of measurement is the unit on which the rate is being assessed, e.g., per collocation request, per amperage, per additional equipment bay, per 100 square foot tenancy, per additional 100 square foot tenancy, etc.

## DC Power Installation Function

## Recurring Rate

California - All Central Offices

Rate Element Name #1  
Office Arrangement

Rate Element Name #2

Rate Element Name #3

Rate Element Name #4

1 TOTAL INVESTMENT: List Plant & Equip.	\$	\$	\$	\$
2 Digital Switch - 32,2212 - 15		17,442.05	\$	\$
3 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
4 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
5 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
6 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
7 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
8 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
9 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
10 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
11 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
12 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
13 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
14 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
15 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
16 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
17 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
18 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
19 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
20 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
21 DEPRECIATION EXPENSE		1,333.01	\$	\$
22 COST OF MONEY (\$ Amount)		1,115.40	\$	\$
23 COST OF MONEY (Percentage)		11.25%	%	%
24 FEDERAL INCOME TAX		574.55	\$	\$
25 STATE AND LOCAL INCOME TAX		114.34	\$	\$
26 OTHER TAX: List Taxes	\$	\$	\$	\$
27 List: Property Tax		213.50	\$	\$
28 List: Gross Receipts Tax		0.00	\$	\$
29 List:	\$	\$	\$	\$
30 List:	\$	\$	\$	\$
31 List:	\$	\$	\$	\$
32 List:	\$	\$	\$	\$
33 MAINTENANCE EXPENSE		2,475.38	\$	\$
34 ADMIN and OTHER EXPENSE: List Expense	\$	\$	\$	\$
35 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
36 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
37 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
38 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
39 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
40 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
41 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
42 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
43 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
44 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
45 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
46 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
47 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
48 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
49 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
50 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
51 COST PER UNIT		5,826.18	\$	\$
52 MONTHLY COST PER UNIT		485.52	\$	\$
53 RATE PER UNIT		485.52	\$	\$
54 UNIT OF MEASUREMENT:				
Per Interconnection				
55 RATIO: Rate / Direct Cost		100.00%		
56 RATIO: Rate / Unit Cost		100.00%		

## Notes:

(1) The DC Power Installation Function includes all costs for installation of DC power equipment for use by Interconnector.

(2) Row 54: Unit of measurement is the unit on which the rate is being assessed, e.g., per collocation request, per amperage, per additional equipment bay, per 100 square foot tenancy, per additional 100 square foot tenancy, etc.



## DC Power Generation Function

## Recurring Rate

California - All Central Offices

Rate Element Name #1  
DC Power

Rate Element Name #2

Rate Element Name #3

Rate Element Name #4

1 TOTAL INVESTMENT: List Plant & Equip.	\$	\$	\$	\$
2 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
3 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
4 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
5 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
6 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
7 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
8 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
9 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
10 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
11 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
12 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
13 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
14 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
15 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
16 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
17 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
18 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
19 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
20 List: Name - Pt. 32 Acct No. - Dep. Life	\$	\$	\$	\$
21 DEPRECIATION EXPENSE	\$	\$	\$	\$
22 COST OF MONEY (\$ Amount)	\$	\$	\$	\$
23 COST OF MONEY (Percentage)	%	%	%	%
24 FEDERAL INCOME TAX	\$	\$	\$	\$
25 STATE AND LOCAL INCOME TAX	\$	\$	\$	\$
26 OTHER TAX: List Taxes	\$	\$	\$	\$
27 List: Property Tax	\$	\$	\$	\$
28 List:	\$	\$	\$	\$
29 List:	\$	\$	\$	\$
30 List:	\$	\$	\$	\$
31 List:	\$	\$	\$	\$
32 List:	\$	\$	\$	\$
33 MAINTENANCE EXPENSE	\$	\$	\$	\$
34 ADMIN and OTHER EXPENSE: List Expense	\$	\$	\$	\$
35 List: Name - Pt. 32 Acct No.	4.35 \$	\$	\$	\$
36 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
37 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
38 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
39 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
40 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
41 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
42 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
43 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
44 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
45 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
46 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
47 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
48 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
49 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
50 List: Name - Pt. 32 Acct No.	\$	\$	\$	\$
51 ANNUAL COST PER UNIT	\$	\$	\$	\$
52 MONTHLY COST PER UNIT	4.35 \$	\$	\$	\$
53 MONTHLY RATE PER UNIT	4.35 \$	\$	\$	\$
54 UNIT OF MEASUREMENT				
Per Sq Foot				
55 RATIO: Rate / Direct Cost				
56 RATIO: Rate / Unit Cost				

## Notes:

(1) The DC Power Generation Function includes the costs of providing DC power, excluding DC power installation costs.

(2) Row 54: Unit of measurement is the unit on which the rate is being assessed, e.g., per fuse amp, per 100 square foot tenancy, etc.